



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE: (check all that apply to this audit with same Permit number)

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Alamance PERMIT NO.: 01-02 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin	X	T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: 04/10/08.Date of Last Audit: 07/25/07**FACILITY NAME AND ADDRESS:**

Stericycle, Inc.
1168 Porter Avenue
Haw River, North Carolina 27258

GPS COORDINATES: (Decimal Degrees) N: 36.06564 E: 79.34915**FACILITY CONTACT NAME AND PHONE NUMBER:**

J.W. Hill, Area Manager-Environmental, Safety, and Health
336-578-8900 ext.23
e-mail address: jhill@stericycle.com

FACILITY CONTACT ADDRESS (IF DIFFERENT):

Same

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle
Chris Marriott, N.C. Solid Waste Section
Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:

Original Permit Issued: January 31, 1991
Permit Modification Issued: January 9, 1998
Permit renewal with name change and revised Operational Plans: September 15, 2003
Permit Review Date: September 15, 2008

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):

None

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AREAS OF CONCERN AND COMMENTS:

1. The facility is a medical waste treatment operation consisting of two incinerators. The site typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
2. The facility accepts non-hazardous waste for incineration consisting of regulated medical waste, unregulated medical waste, controlled substances captured by law enforcement, chemotherapeutic waste, health care industry documents, USDA-APHIS international waste, and pharmaceuticals.
3. There is no service area specified in the Solid Waste Permit for the facility, but the site typically receives waste from all North Carolina counties and approximately 15-20 additional states.
4. At the time of the inspection both incinerator # 1 and incinerator #2 were in operation, and the facility was processing approximately 1,850 pounds per hour per unit.
5. The incinerators are permitted for a 1,911 pound per hour charging rate, each. The facility processes approximately 85,000 pounds of waste per day.
6. Reviewed Solid Waste and Air Quality permits, operational plans including contingency plans, and operational logs.
7. Reviewed training logs for facility employees.
8. Ash generated by the incinerator operations is processed through a water squelch, is transferred to 20 yard roll-off containers, and dewatered prior to shipment to the landfill. The facility generates 2-3 roll-offs per day.
9. Ash disposal from the incinerator operations is conducted at Upper Piedmont Landfill, Rougemont, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations. Review of ash disposal records for the week period of March 17, 2008 through March 31, 2008 indicated the facility shipped approximately 208 tons of ash for landfill disposal.
10. Conducted spot check review of hourly charging rates for incinerator units and primary/secondary chamber temperature charts for the week of April 2-9, 2008. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current-time digital read-outs, and primary/secondary chamber temperatures, which were noted to be in compliance.
11. Reviewed December 2007, and March 2008 interim ash sampling analysis reports.
12. The facility is required to conduct two ash analysis per year by permit condition. The site has agreed to conduct two interim ash sampling and analysis in addition to the required semiannual sampling normally conducted in June and December. The next sampling event is scheduled for June 2008.
13. Stericycle has submitted to the Solid Waste Permitting Section, a revised ash sampling procedure utilized by other Stericycle facilities as a potential future procedure for the Haw River facility. The revised ash sampling procedure request is currently under review by the Solid Waste Permitting staff.
14. Conducted spot checks on medical waste manifest and completed treatment certifications.

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- Please contact me if you have any questions or concerns regarding this audit report.

Regional Representative

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